

## SURVEY

We understand that reliable survey data is the foundation of planning, design, and construction.



## ABOUT OUR SERVICES

Popli Design Group (PDG) understands that survey and mapping is often the first stage in any project, and that responsiveness and the ability to mobilize quickly to complete a project is critical to our clients.

PDG has experience working with many municipalities and agencies, including NYS Thruway Authority, NYSDOT, NYS Office of General Services, NYS DEC, NYS Office of Parks, Recreation and Historic Preservation, State University Construction Fund, and many local city, town, and county municipalities. Our firm has led numerous term contracts and is thoroughly familiar with the process of scoping, estimating, and completing assignments.

The PDG survey team is experienced in completing topographic survey, boundary retracements/right-of-way surveys, photogrammetric control surveys, primary control surveys, hydraulic analysis surveys and survey layout for a variety of applications. The survey team also employs a 3D laser scanner, which can offer solutions for a multitude of projects. The technology provides for fast data collection, with detail and accuracy not easily met by traditional methods. PDG utilizes a Leica P20 laser scanner, which has the capability of collecting 1 million points per second, with 3/16 of an inch accuracy. Laser scanning can be used for almost any application, but common applications are: creating building as-builts, structural analysis (i.e. deformation/plumbness), mapping of complex mechanical rooms, and topographic/site surveys. The data captured from the laser scan (or point cloud), provides a platform on which engineers, surveyors, and architects can navigate the site. Having the point cloud allows them to gain a unique perspective of the site without leaving their desk, and often eliminates return trips to the field. PDG can provide point cloud data in formats compatibly with Autodesk and Bentley products. Our architectural and mechanical engineering departments support our laser scanning services by providing their expertise and Revit modeling capabilities to produce user friendly deliverables.

**1982**

Year Founded

**150**

Our Staff

**8**

Offices in New York,  
New Jersey, and  
Florida

**MBE**

NYS and NYC  
Certified Firm

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